

09/926203

MODIFIED CLAIMS

[received by the international office on July 25, 2000 (7/25/00);

Claims 1, 2, 4, 5, and 13-16 modified; other claims unchanged (3 pages)]

1. Adaptable device for delimiting and organizing architectural spaces of the type model for study and demonstration to construct interior design projects, fair and exhibition stall, partitioning of office or industrial spaces,

comprising

- space elements of reduced scale connected to each other so as to form partitioning which adapts to the dimensions of the architectural space to be organized or to be depicted, and
- decorative objects of reduced scale representing elements serving for decoration or organization of interiors,

characterized in that:

- each variable-length space element comprises at least two different flat parts (1, 2) or with volume with rectilinear parts, sliding one into the other,
- the length of each space element varies continuously and linearly under its normal conditions of use, within the limits of its minimum and maximum length,
- each space element has at least one coupling portion (32, 33), forming, with a complementary coupling portion belonging to another space element, a disassemblable coupling permitting the intersection of a plurality of space elements articulated around the axis created by the coupling,
- a decorative object, of a size proportional to the dimensions of the object that it represents, is positioned variably and interchangeably on a space element by means of a magnetic link, an adhesive link, or a sliding support,
- and said decorative object (26, 28) itself has an interchangeable design held by a decoration support,

- the entire device is of a dimension such that it occupies at most the volume of a suitcase.

2. Device according to claim 1, characterized in that a space element has a dimension varying continuously in a single direction, defines a plane face or a portion of volume partially rectilinear, and is made up of at least two different parts, referred to as a male part (1) or a female part (2), a male part sliding into a female part, a male part abutting against a female part when the space element is in its shortest position.
3. Device according to one of claims 1 or 2, characterized in that a space element accommodates a removable decoration having the same physical properties as said space element so as to facilitate holding a decorative object.
4. Device according to one of claims 1 through 3, characterized in that the parts of a space element are adjusted such that they retain their relative position once the length of the element is defined between the limits of its minimum and maximum position.
5. Device according to one of claims 1 through 3, characterized in that one of the parts of a space element has a blocking system such that the parts retain their relative position once the length of the space element is defined, between the limits of its minimum and maximum position, and the blocking system is put in place.
6. Device according to one of claims 1 through 5, characterized in that a part of a space element, preferably the male part (1), is graduated and that the other part of a space element, preferably the female part (2), has a reference (4) which, associated with the scale on the first part (3), enables the direct reading of the length of the element.
7. Device according to one of claims 1 through 6, characterized in that an intersected coupling is composed of at least two segments (35, 36) each made up of two portions

fitting one inside the other when they are placed facing each other by simple horizontal translation, enabling the passage between its segments of at least one intersecting coupling composed of at least one segment, itself made up of two portions (37, 38) fitting one inside the other, thus enabling the intersection of space elements (14, 15, 16, 17).

8. Device according to at least one of claims 1 through 7 according to a first embodiment, characterized in that a pin (34) passes through the different portions of at least one coupling segment (32, 33 or 35, 36, 37, 38 of Figure 8), that said pin with an overall circular cross-section has a gripping zone, that said pin is introduced into the internal opening created by the coupling portions after the coupling portions are placed facing each other and that the groups of space elements remain integral with each other and pivot relative to each other once the couplings are assembled.
9. Device according to one of claims 1 through 7 according to a second embodiment, characterized in that the coupling portions of the intersected and intersecting groups of space elements are connected by insertion of the male portions into the female portions by elastic deformation of the material of which they are made and that the groups of space elements remain integral with each other and pivot relative to each other once the couplings are assembled.
10. Device according to one of claims 1 through 9, characterized in that a space element made of a material without ferromagnetic properties (29) acquires this property by mounting, on at least one part of its surface, of a thin material (31) adapted to the shape of the space element and having ferromagnetic properties so as to accommodate a magnetized decorative object.

09926203-092401
10460-029260

11. Device according to one of claims 1 through 10, characterized in that the space elements are placed on a foldable face, having ferromagnetic properties so as to accommodate a magnetized decorative object.
12. Device according to one of claims 1 through 11, characterized in that two space elements are held in their relative positions by a removable linking accessory, in particular a square, equipped with at least two links.
13. Device according to one of claims 1 through 12, characterized in that the decorative objects (19, 23, 24, 27) are designed to accommodate a removable design (26) held by a decoration support (25, 28) and that said decorative objects are held in position on a space element by a temporary link (18, 21) of a magnetic link type or a sliding link type.
14. Device according to at least one of claims 1 through 13, characterized in that certain decorative elements are obtained starting from an evolute designed so as to obtain, after folding and assembly, rigidity sufficient to permit the manipulation efforts generated by mounting on a space element with a magnetic or adhesive link present on at least one face of the decorative element, and leaving at least one placement position on at least one edge of at least one face capable of accommodating a decoration support.
15. Device according to at least one of claims 1 through 14 according to an embodiment of the device using space elements without magnetic properties, characterized in that certain decorative elements are obtained starting from an evolute designed so as to obtain, after folding and assembly, rigidity adequate to permit the manipulation efforts generated by mounting on a sliding link, leaving at least one placement position on at least one edge of at least one face capable of accommodating a decoration support and

providing at least one recess to permit the passage of said sliding link designed to position the decoration element on a space element.

16. Device according to at least one of claims 1 through 15, characterized in that a decoration support (25, 28) is produced in a shaped material enabling placement and holding of an interchangeable design (26) inserted between the decoration support and the decorative object (19, 23, 24) on which said decoration support is applied.

Add
D1

10926203-09401
T04260-E0292660